

REMARKS

This Amendment responds to the Office Action dated January 13, 2010.

The Examiner has stated that independent claim 4 is allowed, and that 3 would be allowable if rewritten in independent form. The Examiner rejected the remaining claims 1 and 2 under 35 U.S.C. § 102(e) as being anticipated by Liaw, U.S. Patent Application Pub. No. 2004/01040985.

Liaw merely discloses an overdrive system that utilizes a lookup table stored in one buffer to calculate an overdrive value for a current frame based on the driving value for a previous frame. That reference fails to disclose the limitation of "at least one predicted displayed luminance value of said pixel in respective ones of at least one frame subsequent to said current frame of said video image." The Examiner appears to be relying upon the buffer storing the lookup table when reading this limitation of Liaw, but as is made clear by that reference, what is predicted using the lookup table is the displayed luminance value for the current frame. See, e.g. Liaw at par. 0027 (stating that the only frame information stored in the first buffer is the image pixel values of the previous frame and the current frame.). Using this information, the lookup table merely selects a driving value for the current frame that will best achieve the pixel value for the current frame, starting from the pixel value of the previous frame. Therefore, Liaw does not disclose the limitation claimed.

Claim 1 has also been amended to recite the limitation of "where said current driving value is calculated to reach a non-equilibrium displayed luminance value in said current frame used to predict said at least one predicted displayed luminance value of said pixel in said at least one frame subsequent to said current frame". This limitation is not disclosed by the cited prior art.

In view of the foregoing amendments and remarks, the applicant respectfully requests reconsideration and allowance of claims 1-4.

Applicant submits that no fees are required for entry of this Amendment. If any fees are deemed necessary, however, the Commissioner is authorized to charge the requisite fee to Deposit Account No. 03-1550.

Respectfully submitted,

CHERNOFF, VILHAUER, MCCLUNG & STENZEL

Dated: January 28, 2011

By Kurt A. Rohlf

Kurt A. Rohlf, Reg. No. 54,405
601 SW Second Ave., Suite 1600
Portland, OR 97204
Tel: (503) 227-5631